SEELEY INTERNATIONAL

OWNER'S MANUAL

Portable Refrigerated Air Conditioner

Climate Master CM12W, CM12WX, CP12HS, CM15WX, CM15HW, CP15W, CP15HS

convair®

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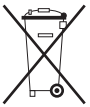
Please read these instructions prior to using the appliance and save them for future reference.



Waste electrical products must not be disposed of with household waste. This product should be taken to your local recycling centre for safe treatment.

INTRODUCTION

THANK YOU **for choosing a Convair Air Conditioner. This appliance has been carefully engineered to bring you trouble-free personal air conditioning. Please read this manual carefully so that you take full advantage of the many benefits your Convair provides.**

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction in using the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance. Do not place anything through the ventilating slots.

Be sure the appliance has been securely and correctly installed according to the installation instructions contained within this manual.

Personal Cooling

Your Convair cooler is a portable air conditioning unit that supplies refrigerated air to a personal area within a room. It is not intended to function as a house or room air conditioner.

Energy Saving Tips

* Do not locate the air conditioner where furniture or other objects can obstruct the air flow.
* Keep curtains and blinds closed during the hottest part of the day.
* Keep the filters clean.
* Set the air conditioner to maximum cooling and high fan speed initially, then adjust to a comfortable setting.
* Do not wait until the room is excessively hot before using the air conditioner.

Warranty

Convair air conditioners are warranted against faulty manufacture for 2 years after purchase. Please refer to page 12 for more details on warranty.

SAFETY

General Safety

For indoor use only.

Transport the air conditioner in an upright position only, or leave it in an upright position for at least 2 hours before use (Fig 1).

Use only in the upright position on a flat level surface and at least 50cm from any objects.

Do not place objects on the air conditioner, or through the ventilating slots or restrict the air inlets & outlets (Fig 2).

Closely supervise any children and pets when the air conditioner is in use.

Do not store or operate the appliance near any flammable substances.

During operation, water will collect in the bottom tank of the air conditioner. Be careful when moving the unit to prevent water from spilling.

Electrical Safety

Ensure the appliance has been installed in accordance with national wiring regulations.

Electrical Safety (cont)

Caution! before connecting the electrical power cord to a power outlet, check that the air conditioner voltage is the same as your power supply (refer to the rating label located on the back of the unit - refer Fig 4). Ensure the power supply is correctly earthed and rated.

Plug the air conditioner directly into a properly installed power outlet. Never use an extension cord, double adaptor or multi power outlet board to run this air conditioner.

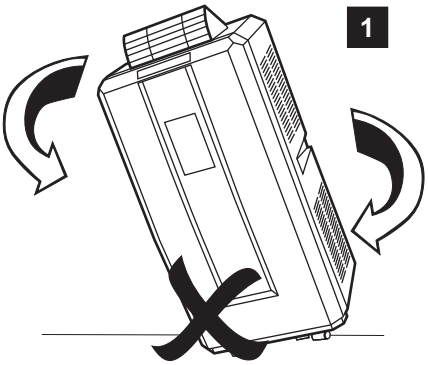
Do not pull the unit along by the power cord or place the power cord near a source of heat. Always unroll the power cord completely before use.

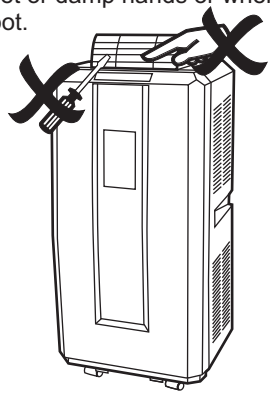
If the power supply cord is damaged it must be replaced by the manufacturer, a service agent or similarly qualified persons in order to avoid a hazard.

Switch off and unplug when not in use.

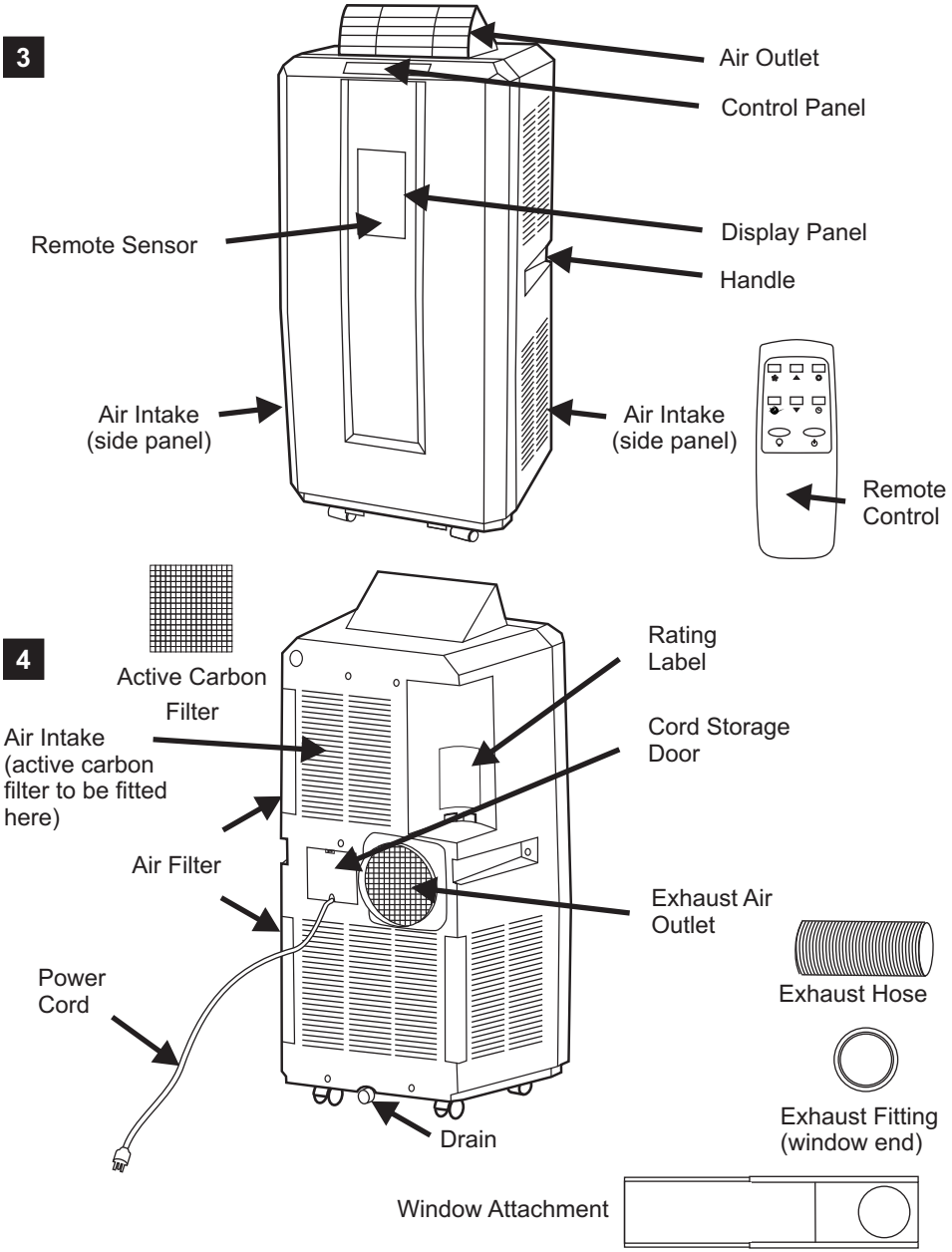
Do not use in humid environments such as bathrooms, laundries or other steamy or wet areas.

Do not touch or operate the air conditioner with wet or damp hands or when standing barefoot.





COMPONENT LOCATION



INSTALLING THE EXHAUST

Assembling the exhaust hose (Fig 5,6)
Step 1: Fit the exhaust hose to the rear panel outlet by rotating the hose in a clockwise direction. Fit the window adaptor onto the hose by rotating the adaptor in a clockwise direction.

Step 2: Screw the round window adaptor into position on the window attachment with the screws (4) provided.

Step 3: Open the window and fit the adjustable window attachment. Extend the attachment as required and lock into place with the screw (1) provided. Ensure the outlet is not obscured. The window attachment can be installed horizontally or vertically, depending on the window type.

<u>Note!</u> The minimum distance required from the operating air conditioner to any obstructing objects or walls is 50cm (Fig 6).

Keep the exhaust hose as short and straight as possible and minimise kinks. This will maximise the cooling performance.

Don't use extension pieces for the exhaust pipe as this will reduce the cooling performance and possibly result in damage to the air conditioner.

Hot air and possibly mist will be emitted from the exhaust hose.

<u>Note!</u> It is critical to the cooler's performance that the hot exhaust air is completely removed from the space being cooled.

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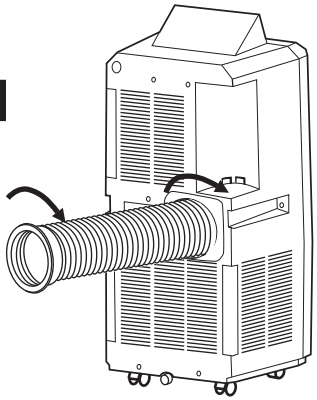

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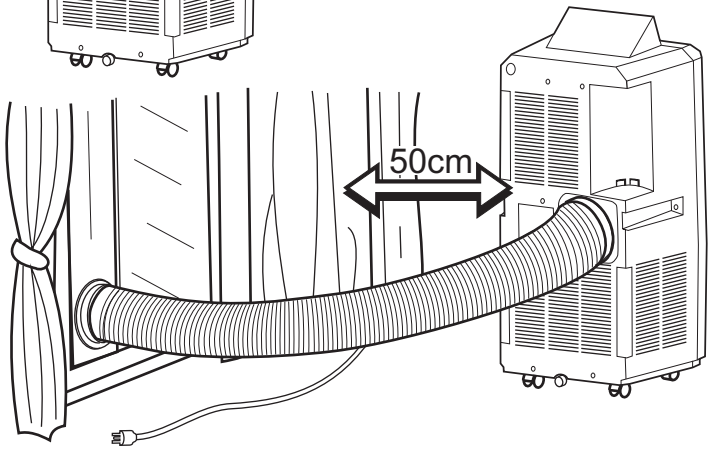

CONTROL PANEL

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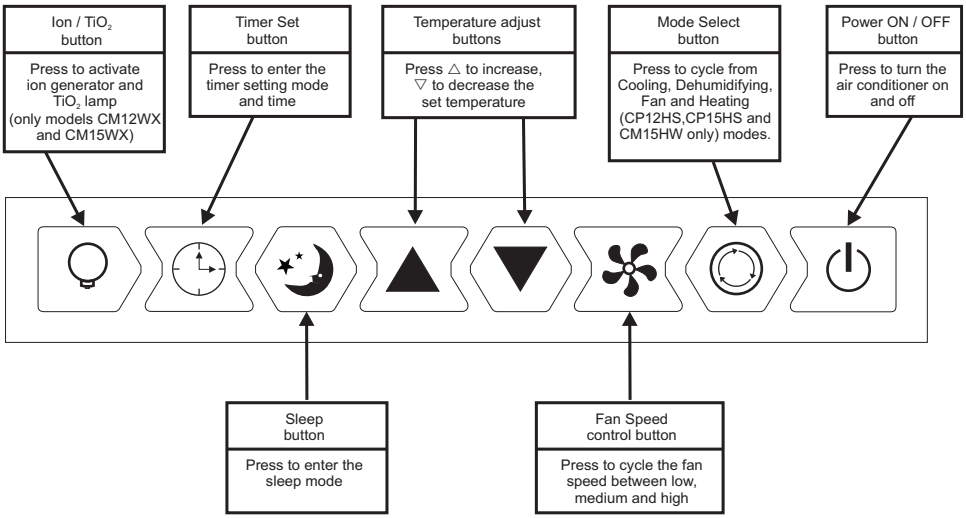
Ion / TiO_2 button
Press to activate ion generator and TiO_2 lamp (only models CM12WX and CM15WX)
Timer Set button
Press to enter the timer setting mode and time
Temperature adjust buttons
Press △ to increase, ▽ to decrease the set temperature
Mode Select button
Press to cycle from Cooling, Dehumidifying, Fan and Heating (CP12HS,CP15HS and CM15HW only) modes.
Power ON / OFF button
Press to turn the air conditioner on and off
Sleep button
Press to enter the sleep mode
Fan Speed control button
Press to cycle the fan speed between low, medium and high

⚠ **NOTE!** To avoid damage to the control panel, do not operate with sharp objects.

DISPLAY PANEL

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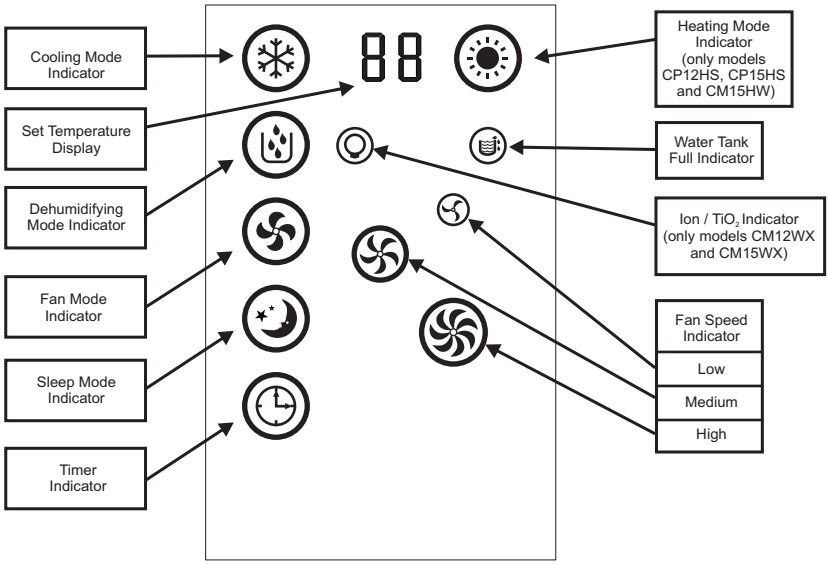
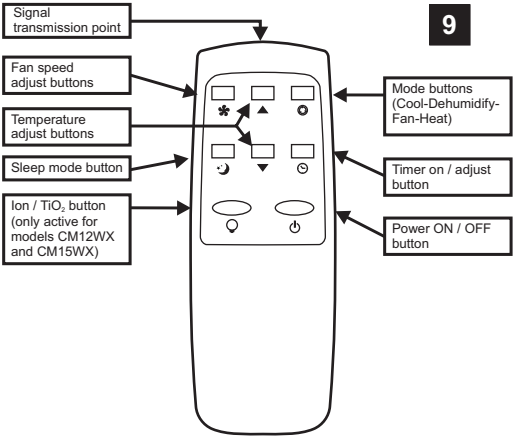
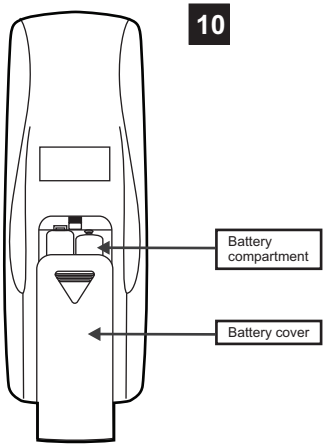


REMOTE CONTROL


Signal transmission point
Fan speed adjust buttons
Temperature adjust buttons
Sleep mode button
Ion / TiO2 button (only active for models CM12WX and CM15WX)
Mode buttons (Cool-Dehumidify-Fan-Heat)
Timer on / adjust button
Power ON / OFF button

9



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Preparation before operation

Remove the battery cover and insert new batteries (AAA), making sure the + and - are matching the compartment markings (Fig 10).

During Operation

If the remote control will not operate the air conditioner, the batteries may need to be replaced.

Remove the batteries and replace with new ones. If this does not solve the problem contact your nearest service centre for advice.

Note! The air conditioner must be plugged in and switched on for the remote control to operate the air conditioner. To use, point at the signal receiving window on the front panel and press the remote button. The air conditioner will “beep” when a signal has been received. If there is no beep, press the remote button again, ensuring it is within range (6 metres) of the air conditioner.

NOTE:
WASTE BATTERIES SHOULD BE DISPOSED OF CORRECTLY

If there are two of the same air conditioners installed, they cannot be controlled separately. When you operate either remote, it will turn on both air conditioners if they are both within signal range (6 metres).

Care of your remote control

Don’t let the remote control drop onto hard surfaces or be subjected to sudden shocks in any way. The warranty does not cover misuse or accidental damage.

Don’t place the remote control in direct sunlight, or near extremes of temperature. This will affect the control’s temperature reading.

Don’t allow the remote control to get wet.

Don’t place near strong electromagnetic waves.

Don’t mix old and new batteries ! If the remote control will not be used for a long time, remove the batteries to avoid corrosion.

OPERATION

Starting the air conditioner

Step 1: Ensure the cooler is plugged in and switched on.

Step 2: Press the ON/OFF button on the remote control or ON/OFF ⏻ button on the control panel to start the air conditioner.

Step 3: Press the MODE button ◯ on the control panel or remote control to select the desired operating mode (Fig 7 & 11):

- ❄ **Cooling mode** - refrigerated cooling (all models)
- **Dehumidifying mode** - for extracting moisture from the air
- **Fan mode** - Fan only operation (no cooling)
- ☀ **Heat mode -** reverse cycle heating (CP12HS, CP15HS and CM15HW only)

Step 4: Press △ / ▽ on the control panel or on the remote control to select the desired operating 'set' temperature.
The set temperature range is 16°C-31°C
In Cooling mode, cooling will occur if the set temperature is less than the room temperature.
In Heating mode, heating will occur if the set temperature is greater than the room temperature.

Tip! Do not set the cooling temperature too low. This will consume more power. 24°C is the recommended set temperature, with high fan speed.
Note! Changing the set temperature will have no effect in DEHUMIDIFYING or FAN modes.

Step 5: Press the FAN SPEED button on the control panel or remote control to adjust the fan speed. Each press will cycle the fan speed through low, medium & high.

Note! the fan speed is automatically set to low in dehumidifying and sleep modes.
In Cooling & Heating modes, the fan will continue to run even when the compressor has cycled off.

Important! During heating mode the unit may enter a defrost cycle. When this occurs, the compressor will stop and the fan will continue to run. This is a normal function for all reverse cycle air conditioners. The compressor will re-start and normal heating operation will recommence when the defrost cycle is complete.
During cooling and heating mode, water will collect in the air conditioner's tank. In cooling mode this water is recirculated and some will be exhausted out with the hot air, but will slowly fill up the tank. This occurs more quickly in humid conditions. There is no recirculation in heating mode. If the tank should fill, the 'water full' symbol will flash on the control display, the unit will 'beep' 15 times and then shut down. The cooler cannot be restarted until the water tank is drained. Refer to the Maintenance section for draining the tank should this occur.

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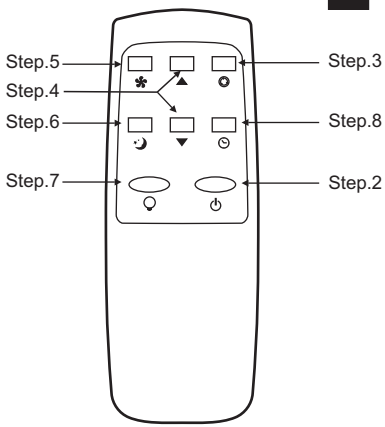


OPERATION cont.

Air Conditioner Features

Step 6: Your air conditioner has a SLEEP mode, activated by pressing the button on the control panel or remote control.
SLEEP mode will change the fan speed to low and increase (for cooling mode) or decrease (for heating mode) the set temperature by 1°C each hour for 2 hours. No further change will occur after the 2nd hour.

Step 7: To improve air cleanliness, your cooler may be equipped with an active carbon filter, negative ion generator and TiO_2 lamp (models CM12WX, CM15WX only).
Fit the active carbon filter into the upper rear filter frame as shown (Fig 12).

A - remove side filter from unit
B - remove upper rear filter
C - unclip the frame from the rear filter
D - insert the active carbon filter and clip the frame back into place.

Reassemble all filters back into the unit, then press the Ion/TiO_2 button on the control panel or remote control to activate this feature.

Timer Function

The air conditioner is fitted with a timer function. This can be set up to 24 hours in advance. To use this function, the cooler must be plugged in and ready to operate.

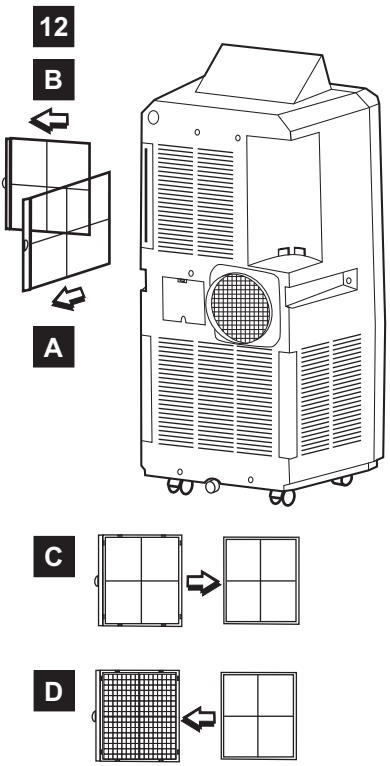
Step 8: Setting the timer
With the air conditioner ON, press the TIMER button on the remote control or control panel. The control panel display will flash and show the time setting. Press the TIMER button to increase the time in 1 hour increments from 1 - 24 hrs. After 5 seconds the display will revert to the SET temperature.

When the air conditioner is OFF (but still plugged in), repeat the above to set the ON time. The air conditioner will start up with the last settings used.

Note! When the air conditioner is working, only the TIMER OFF can be set. When the air conditioner is off, only the TIMER ON can be set.

How to cancel the timer

To cancel the timer, press and hold the TIMER button on the control panel for 3 seconds or set the time to **0** using the remote control. The TIMER indicator will stop glowing.



MAINTENANCE

Always disconnect the air conditioner from the electricity mains before cleaning or draining.

To maximize the efficiency of the air conditioner, clean regularly.

Cleaning the housing

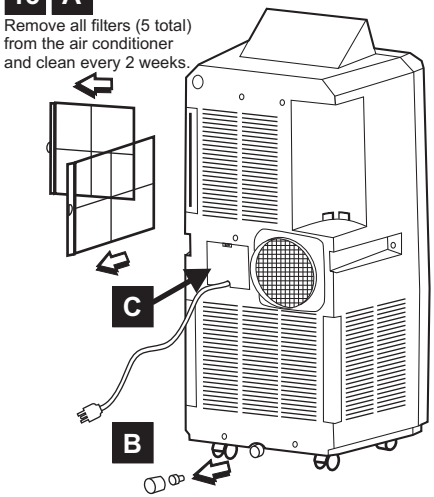
Use a soft, damp cloth to wipe the body clean.
Never use aggressive chemicals, spirits, detergents, chemically treated cloths, or other cleansing solutions. These substances could possibly damage the cabinet**.**

Cleaning the filters

Remove the filters as shown (Fig 13A).
Use a vacuum cleaner or tap the filter lightly to remove loose dust and dirt and then rinse under running water (no hotter than 40°C).
Dry thoroughly before replacing.
Take care to replace the filters back into the slots in the cooler.

<u>Note!</u> Never operate the air conditioner without the filters.

13 A



Draining the Air Conditioner

To drain the air conditioner, place it over a drain point before unscrewing the cap and removing the drain plug, as water will flow out as soon as the plug is removed.
Remove the plug at the bottom rear of the appliance and allow the tank to completely drain (Fig 13B).

<u>Note!</u> Always replace the drain plug immediately after draining.

End of season storage:

Drain any water from the unit.

Operate the unit in fan only mode for a few hours, to thoroughly dry the inside.

Clean or change the filters.

Unplug and carefully store the power cord and plug end behind the cord storage door (Fig 13C).

Replace in the original carton or cover for storage.

TROUBLESHOOTING

Problem	Check
The air conditioner does not run.	Is the air conditioner plugged in ?
	Is there a power failure?
	Is the "WATER FULL" error code flashing? Drain the tank as shown (Fig 13).
	Is the room temperature below the set temperature?
The air conditioner has little effect (firstly ensure that the room being cooled is not too large for the stated capacity of the air conditioner).	Is there direct sunshine? Remember to close curtains or blinds.
	Are windows or doors open?
	More people in the room will generate more heat.
	Is there something in the room producing excessive heat?
	Is the exhaust fitted correctly or obstructed? All exhaust air needs to be completely removed from the room.
The air conditioner is not as cool as it once was.	Are the filters dusty or dirty, restricting the airflow?
	Is the air inlet or outlet blocked?
	Is the room temperature below the set temperature?
The air conditioner is too noisy.	Is the air conditioner positioned unevenly, so as to create vibration?
	Is the floor beneath the air conditioner uneven?
The compressor will not run.	It is possible that the overheat protection for the compressor is on. Wait for it to reset. Note: when changing between different modes (cooling to fan or heating mode etc) the compressor will turn off. A 3 minute delay will occur before the compressor will turn on again.

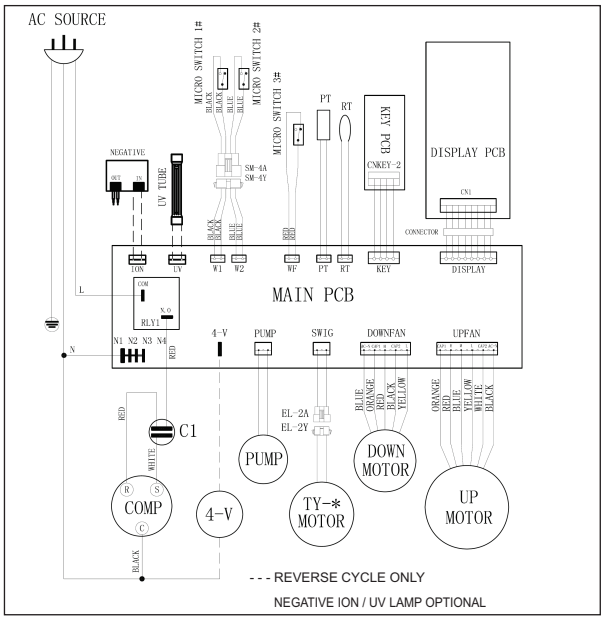
Never try to dismantle the air conditioner yourself.

In case of problems that cannot be fixed by using the above guide, or if service on your air conditioner is required, please contact your dealer or designated service agent.

SPECIFICATIONS

SEELEY INTERNATIONAL - CLIMATEMASTER PORTABLE AIR CONDITIONER				
Model(s)	**CM12W, CM12WX**	**CP12HS**	**CM15WX, CP15W**	**CM15HW, CP15HS**
Function	Personal Cooling	Personal Cooling & Heating	Personal Cooling	Personal Cooling & Heating
Cooling Capacity (Watts) †	3,500 (12,000 Btu/hr)	3,500 (12,000 Btu/hr)	4,400 (15,000 Btu/hr)	4,400 (15,000 Btu/hr)
Heating Capacity (Watts) †	-	3,500 (12,000 Btu/hr)	-	4,400 (15,000 Btu/hr)
Dehumidifying Capacity (L/hr)	1.2	1.2	1.4	1.4
Air Flow Volume (m^3 / hr)	450	450	500	500
Noise Level - Sound Pressure (dB(A))	≤ 55	≤ 55	≤ 57	≤ 57
Power Supply	220-240 V ~, 50 Hz	220-240 V ~, 50 Hz	220-240 V ~, 50 Hz	220-240 V ~, 50 Hz
Input Power (Watts)	1380	1380	1680	1680
Fuse Type	3.15 A / 250V	3.15 A / 250V	3.15 A / 250V	3.15 A / 250V
Refrigerant Type / Charge (kg)	R410A / 0.51	R410A / 0.51	R410A / 0.56	R410A / 0.56
High Side Pressure - Maximum (MPa)	3.2	3.2	3.2	3.2
Low Side Pressure - Maximum (MPa)	0.8	0.8	0.8	0.8
Water Ingress Protection Rating	IP20	IP20	IP20	IP20
Weight (kg)	31	31	32	32
Dimensions (mm) (width / depth / height)	420 / 400 / 840	420 / 400 / 840	420 / 400 / 840	420 / 400 / 840

†Based on manufacturer's test results using the Air Enthalpy method



WARRANTY

In this warranty:

We or us means Seeley International Pty Ltd ABN 23 054 687 035, and our contact details are set out at the end of this warranty;

You means you, the original end-user purchaser of the Goods;

Supplier means the authorised distributor or retailer of the Goods that sold you the Goods in Australia; and

Goods means the product, unit, appliance or equipment which was accompanied by this warranty and purchased in Australia.

Our Goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Goods repaired or replaced if the Goods fail to be of acceptable quality and the failure does not amount to a major failure.

In addition to any rights and remedies that You may have under the Australian Consumer Law or any other law, subject to the terms of this warranty, We provide the following warranty:

1. If, during the first 24 months from the date of first retail purchase (**Warranty Period**), the Goods upon examination prove defective by reason of improper workmanship or material, We will repair at our nearest service centre or replace (at our option), the product or any part thereof without charge. Should we deem in our absolute discretion to replace the Goods, we may substitute any similar good even if it is not on our current price/equipment list. Further, Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the Goods.

2. We are under no obligation to repair or replace the Goods under clause 1 if the Goods have not been used only for personal, domestic or household purposes or have not been operated and maintained in accordance with the instructions in the Owner's Manual. The addition of any third party device or the removal or the alteration of any of our components will void this warranty. In addition, the warranty granted under clause 1 does not apply to:

    - Consumable components such as filters,
    - Adjustments necessary due to misuse of the cooler,
    - Normal user maintenance,
    - Setting of controls,
    - Transit damage, or
    - Damage caused by user misuse, tampering, or failure to observe the care and special provisions in the instructions.

3. The warranty granted under clause 1 is limited to repair or replacement only. As far as the law permits, We will not be liable for any consequential loss suffered through, or resulting from, the non operation, or ineffective operation of the Goods. The warranty granted under clause 1 does not cover damage to the Goods or other loss resulting from acts of God.

4. We are not responsible in any way for any failure and/or inadequate performance of the Goods which arises from or is connected to the use in the Goods of non-genuine spare parts. We strongly recommend that only spare parts supplied or approved by us are used in the Goods.

5. No other person, firm or corporation is authorised by us to offer or give on our behalf any other or greater warranty than that given under this warranty. The benefits conferred by this warranty are in favour of You and any person deriving title to the Goods through or under such person and are intended to be separate from and additional to all other rights and remedies that they may have in law in respect of the Goods.

WARRANTY cont.

6. If it is less than fifteen (15) days from the date of purchase of the Goods, in order to claim under the warranty granted under clause 1 You must return the Goods to the Supplier at the place of purchase together with the proof of purchase.

7. If it is more than fifteen (15) days after the date of purchase, in order to claim under the warranty granted under clause 1 You must:
   (a) either:
      (i) contact us within the Warranty Period on: 1300 650 644;
      or
      (ii) log a claim on our website www.seeleyinternational.com within the Warranty Period; and
   (b) return the Goods to your nearest service centre (or to us at the address below) by prepaid freight within the Warranty Period, together with (i) the legible and unmodified proof of purchase, which clearly indicates the name and address of the original retailer, the date and place of purchase, the product name or other product serial number, and (ii) a copy of the completed Warranty Information below. (If you choose to return the Goods to us, there is an additional requirement - they will also need to be accompanied by a covering letter which states your name and address and daytime telephone number, and the model and serial number of the goods.)
8. This warranty does not cover the cost of claiming under the warranty, it is your responsibility to cover all forwarding and return freight costs incurred in sending the Goods to and from your nearest service centre or us.

9. This warranty is only valid and enforceable in Australia.

Our liability under this warranty is limited to the extent permitted by law. That is, to the extent that it is fair and reasonable, if the Goods are not of a kind ordinarily acquired for personal, domestic or household use or consumption, your remedies associated with any failure or defect of the Product will be limited to:

(a) the replacement of the Goods or the supply of equivalent goods;
(b) the repair of the Goods;
(c) the payment of the cost of replacing the Goods or of acquiring equivalent goods;
(d) the payment of the cost of having the Goods repairedand subject to the terms

and conditions included in this warranty.

To ensure that service either pursuant to the above warranty or otherwise is readily available, we have established in all States authorised service centres, which are available to deal with service requirements.

For further information about your nearest service centre and other enquiries please call our Service Centre on:

1300 650 644

Please retain your receipt as proof of purchase. Every request for warranty must be accompanied by proof of purchase.
Complete the following for your records:

Serial Number:
Product: *Convair **CLIMATE MASTER***
Model: ❑ CM12W ❑ CM12WX ❑ CP12HS
❑ CM15WX ❑ CM15HW ❑ CP15W ❑ CP15HS
Purchased from: .....
.....

Date purchased: ...../...../.....

Service Department
Seeley International Pty Ltd
112 O'Sullivan Beach Road, Lonsdale, South Australia 5160
Customer service centre in Australia: 1300 650 644
Website: www.seeleyinternational.com

It is the policy of Seeley International to introduce continual product improvement. Accordingly, specifications are subject to change without notice. Please consult with your dealer to confirm the specifications of the model selected.

Warranty Service

Australia 1-300-650-644
seeleyinternational.com

convair®